

K-12 Research

North Dakota State Library Summer Class 2015

Location: North Dakota State Library, Bismarck

Dates: Monday & Tuesday, June 8th & 9th, 2015, 8 am – 5 pm

15 hrs, 1 Credit Course- Summer 2015

Instructor:

Steven C. Axtman

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Steve is the Training Coordinator at the North Dakota State Library where he has been employed since June 2006. He has a Bachelor of Arts degree in Religious Studies from the University of North Dakota and a Masters of Library Science degree from Emporia State University.

Course Description:

K-12 Research

Students can be savvy Web users, but still have problems finding, evaluating, and using information for research. In this age of spin, it is especially crucial that teachers reinforce student critical thinking and research skills. This course explores and compares tools used for educational research: Internet search engines; the subscription databases; and the ODIN and WorldCat catalogs used for requesting items. The course will focus on research as a process of inquiry and not just fact-finding.

Learning Objectives:

Objective: Learn how needed information is found, evaluated and used in academic research, consumer decisions, on the job, and for decision making in a democratic culture.

Objective: Learn effective searching techniques for the Internet, and the educational databases.

Objective: Learn how to incorporate these resources into classroom instruction, student assignments, and professional development.

Day 1

8:00-9:00

- Introductions / name tags / register with university
- Overview of Course Syllabus & Project
- Jump drive contents
- North Dakota State Library homepage

9:00- 12:00

- Welcome, ND State Librarian, Mary Soucie
- Information Literacy / Critical Thinking
- How do search engines & databases differ?
- Surface Web / Deep Web
- Boolean Searching
- Searching Google
- Effective searching: keywords, "Ctrl F"
- Tour of NDSL
- Databases: Who gets what? Procurement?
- The catalogs: Classic ODIN, Primo, WorldCat.org

12:00-1:00 Lunch (on your own)

1:00- 5:00 Public library databases that have school library applications

- MasterFILE Premier
- ProQuest News
- Ancestry Library Edition - can only access from schools and public libraries
- Consumer Health Complete
- Health Source: Nursing/Academic Edition
- Auto Repair Reference Center
- Business Source Premier
- Rocket Languages
- Freegal Movies
- Freegal Music
- Freading (download ebooks)
- Zinio (download magazines)

Day 2

8:00- 12:00 Educational databases

- Educators Reference Complete
- Professional Development Collection
- Tutor ND
- Learning Express Library
- NoveList K-8 Plus / NoveList Plus
- Britannica School
- Kids InfoBits
- eLibrary Elementary
- Searchasaurus
- Kids Search
- eLibrary
- Student Resources in Context
- Student Research Center
- Points of View Reference Center / ProCon.org
- Academic Search Premier
- Expanded Academic
- Britannica Academic Edition
- General Science Collection
- Science Reference Center
- CAMIO - can only access from schools and public libraries

12:00-1:00 Lunch (on your own)

1:00-3:00 Educational databases (continued) & Discussion

3:00-5:00

Class evaluations

Time to Work on the Project

Project:

Create a lesson plan on a topic of your choosing that incorporates at least THREE different resources. TWO of the resources MUST be from the [Online Library Resources](#) presented during the class. Use the Lesson Plan template, which is on the jump drive.

Project is due: Tuesday, June 16, 2015

For each resource chosen, answer the following questions in one or two sentences:

- 1) Why did you select this resource?
- 2) How does this resource *complement* other resources in your school library collection?
- 3) How will using this resource help your students achieve information literacy?

Rubrics (Grade & S/U)

100%- A (S)	Student attends entire session and actively participates in discussions and activities. Lesson plan demonstrates a clear understanding of the materials presented; is well organized; has few grammatical, punctuation, or spelling errors; and correctly follows prescribed directions.
80%- B (S)	Student attends entire session and participates in discussions and/or activities. Lesson plan demonstrates an understanding of the materials presented; is organized in a logical manner; has several minor grammatical, punctuation, or spelling errors; and correctly follows prescribed directions.
60%- C (S)	Student attends entire session. Lesson plan is completed on time, but is poorly organized; has frequent grammatical, punctuation, or spelling errors; and deviates from the prescribed directions.
<60%- F (U)	Student fails to attend sessions, does not turn in the assignment, or violates academic honesty policy.

Statement of Academic Honesty:

Integrity of scholarship is essential for an academic community and the protection of intellectual work. For students, this means that all academic work will be done by the individual to whom it is assigned, without unauthorized aid of any kind.

Students with Disabilities:

Any student who feels she/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. We will coordinate reasonable accommodations. Please contact: Steve Axtman, North Dakota State Library, 604 E Boulevard Ave., Bismarck, ND 58505, 701-328-3495, saxtman@nd.gov.